INTERNATIONAL CONFERENCE ON DIGITAL TRANSFORMATION AND APPLICATIONS (ICDXA 2021)

**KUALA LUMPUR, MALAYSIA
25 - 26 OCTOBER 2021**

CALL FOR PAPERS

ICDXA 2021 is the second conference organized by Tunku Abdul Rahman University College (TAR UC) that aims to promote research, education, and industry implementation that involve Digital Transformation (DX) processes. DX has changed industries and institutions in ways that replicate transformations of the past to remake processes to become more effective and efficient. Despite the rising of interdisciplinary research of 5G, blockchain, artificial intelligence, and internet of things, scholarly attention so far has focused on the effects of the single technology.

To explore the implications of DX, ICDXA 2021 investigates these phenomena from different field of interests: big data analytics, industry 4.0, computational intelligence, deep learning, computer vision, robotics, human computer interaction, communication, networking, security, technology applications in scientific, engineering, commerce and social sciences.

The technical programmes include the following tracks :

- **Industry 4.0 and Digital Transformation**
  Smart devices, IoT, autonomous systems, manufacturing automation, engineering, reference architecture, Manufacturing chain management, agriculture 4.0, construction 4.0, smart city, e-commerce, e-learning, digital business, digital culture, digital marketing, enterprise innovation and etc.
- **Data Science and Analytics**
  Big data, text and sentiment analytics, data mining, predictive analytics, data engineering, business intelligence, bio-informatic analytics, mathematics/statistics for data science, etc.
- **Computational Intelligence**
  Artificial intelligence, pattern recognition, deep learning, machine learning, digital image processing, evolutionary algorithms, robotics, hybrid human-AI, fuzzy logic systems, swarm intelligence, genetic algorithms, etc.
- **Infrastructure Management and Security**
  Cluster, cloud, grid, and fog computing, scalable architecture, 5G infrastructure, networking, cyber security, secure architecture, biometric technology, digital forensics, cryptography, blockchain, crime detection and prevention, etc.
- **Digital Innovation and Applications**
  Advanced technologies for IoT localization, autonomous systems, embedded systems, low-power chip/system design, dependable communication protocol, crowd sourcing, control and navigation systems, engineering, quantum computing, smart cities, mobile computing and application, augmented reality, virtual reality, etc.

Paper Submission
Prospective authors are invited to submit full papers with 6 to 8 pages in length.

All papers will go through a peer review process. Selected papers of high quality will be published in the *IEM Journal Special Edition of the Proceedings of 2nd International Conference on Digital Transformation and Applications (ICDXA 2021)*. IEM Journal is a journal published by the Institution of Engineers Malaysia (IEM). IEM is a professional learned society with the objective of promoting and advancing all aspects of engineering (https://www.myiem.org.my)

Important Dates   10 September 2021
Submission of Full Paper: ~~15 August 2021~~
Notification of Paper Acceptance: **28 September 2021**
Submission of Camera-Ready Papers: **11 October 2021**
Registration Deadline   **15 October 2021**
Conference Date: **25 – 26 October 2021**

Registration Fees
Participant (attend only): **FREE**
Non-student: **RM 250**
Student: **RM 150**
International non-student: **USD 100**
International Student: **USD 50**

Paper submission   : https://easychair.org/conferences/?conf=icdxa2021
Contact us   : icdxa@tarc.edu.my
Visit website   : http://i2hub.tarc.edu.my:8820/icdxa2021

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